

A Prayer to the Road that Leads

by Arya Akhavan (March 2014)

Angles for R.I. = 1.520

43 + 12 girdles = 55 facets

1-fold, mirror-image symmetry

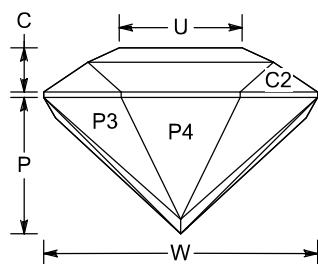
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L/W = 1.386 T/W = 0.772 U/W = 0.450

P/W = 0.497 C/W = 0.161

(G3 G7)/W = 1.386

Vol./W³ = 0.415



PAVILION

P1	42.79°	23-25-71-73	Cut to centerpoint.
P2	41.03°	22-74	Meet at culet.
G1	90.00°	24-72	Set stone size.
G2	90.00°	03-93	Meet P1, P2, G1
P3	65.22°	03-93	Level girdle.
P4	69.54°	96	Meet P2, P3
G3	90.00°	96	Level girdle.
P5	60.25°	24-72	Level girdle.
P6	43.86°	26-70	Meet P1, P5
P7	44.64°	27-69	Meet P1, P6
P8	44.36°	28-68	Meet P1, P6, P7
G4	90.00°	27-69	Level girdle.
G5	90.00°	33-63	Meet P7, P8, G4
P9	48.64°	33-63	Level girdle.
P10	49.98°	39-57	Meet P8, P9
P11	50.07°	48	Meet P8, P9, P10
G6	90.00°	39-57	Level girdle.
G7	90.00°	48	Level girdle.

CROWN

C1	28.71°	96	Set girdle width.
C2	32.43°	03-93	Level girdle.
C3	33.97°	24-72	Level girdle.
C4	33.46°	27-69	Level girdle.
C5	35.57°	33-63	Level girdle.
C6	33.97°	39-57	Level girdle.
C7	29.26°	48	Level girdle.
C8	31.88°	36-60	Meet G5, G6, C5, C6
C9	27.40°	96	Meet C1, C2, C3
C10	24.56°	24-72	Meet C1, C2, C3, C9; C4, C5, C8
C11	20.23°	48	Meet C6, C7, C8
C12	26.11°	37-59	Meet C4, C5, C8, C10; C6, C7, C8, C11
T	0.00°	Table	Meet C4, C5, C8, C10, C12

This design is yet another attempt at making something that looks like a stained-glass window. This new design is more suitable for a pendant, and when it tilts, a window appears and really emphasizes the feel of the design. Works in materials from feldspar to YAG (RI = 1.52 - 1.83) with no changes, but I prefer it in white topaz.

Suggested length = 15-30 mm

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